

REMARKS

The Examiner's attention to the present application is noted with appreciation, as is his indication of the allowability of the subject matter of claims 2-9 and 11-18.

The Examiner objected to claim 21 as to a typographical matter which has been corrected by amendment.

The Examiner objected to claims 19-21 under 37 C.F.R. § 1.75(c), as being of improper dependent form. The rejection is traversed as to the claims as amended, which incorporate language of the previously antecedent claim 1 as well as claim 2.

The Examiner objected to the drawings as requiring text labels for all black boxes, an explanation regarding dashed lines, and inconsistencies between Figs. 4 and 5. Text labels are provided in the amended Figs. 3-7, attached. Dashed lines for signal lines are merely used for differentiation, or to indicate passage "underneath" a component (see Fig. 4, dashed signal line passing beneath prefilter 62). Dashed lines forming boxes are employed to label a collectivity of components with a reference numeral. In Fig. 5, reference numerals 60 and 62 do not refer to outputs (these are 80 and 68) but rather to all components to their left, as indicated by the braces. Prefilters 60 and 62 both receive a same solid line input, and so Figs. 4 and 5 are consistent in that regard. Note that prefilter 60 receives an additional solid line input 74, which is also consistent between the figures. Additionally, in Fig. 4, reference numeral 80 has been added; in Fig. 5, reference numeral 72 has been added and $\omega_n(k)$ corrected to $\omega_n(k-1)$; in Fig. 6, $d\omega_n(k-1)$ has been corrected to $d\omega_n(k)$ and $\omega_n(k-1)$ to $\omega_n(0)$; and in Fig. 7, reference numerals 72 and 74 have been added. No new matter has been added thereby.

The Examiner rejected claims 1-21 under 35 U.S.C. § 112, first paragraph, as not enabled. The rejection is traversed. Note that Fig. 2 is the top-level diagram of the invention, and that Fig. 3 is an illustration of a system employing the invention. Reference numerals 36, 40, 50, and 54 are elements not

associated with the invention as claimed and, in any event, are familiar to those of ordinary skill in the art (note that boxes have been labeled according to the Examiner's request, using the corresponding language found in the specification paragraph starting at page 7, line 15. Moving to Fig. 4, reference numerals 60, 62, 64, and 66 are detailed in the following Figs. 5 and 6. Moving to Fig. 5, reference numerals 82, 86, and 88 are conventional band pass and low pass filters, as detailed in the first paragraph of page 8 of the specification. Reference numeral 92 in Fig. 6 is also a conventional low pass filter, as spelled out in the second paragraph of page 8 of the specification.

The Examiner rejected claims 1, 10, and 19-21 on prior art grounds, which rejections are obviated by the present amendment of independent claims 1 and 10.

Authorization is given to charge payment of any additional fees required, or credit any overpayment, to Deposit Acct. 13-4213. A duplicate of this paper is enclosed for accounting purposes.

An earnest attempt has been made to respond to each and every ground of rejection advanced by the Examiner. However, should the Examiner have any queries, suggestions or comments relating to a speedy disposition of the application, the Examiner is invited to call the undersigned.

Reconsideration and allowance are respectfully requested.

Respectfully submitted,

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By: _____

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Amendments to the Drawings:

The attached sheet of drawings includes changes to Figs. 4-7. The attached sheets, which include Figs. 4-7, replaces the original sheets including Figs. 4-7.

Attachment: Replacement Sheets